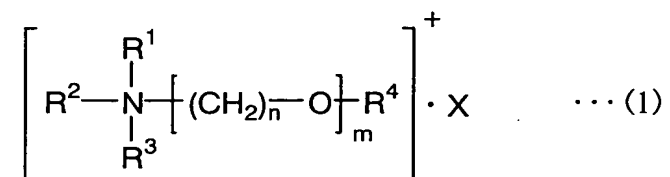


ABSTRACT

A polymer electrolyte-forming composition containing
5 (A) a quaternary ammonium salt of general formula (1) below
and (B) an ionic liquid can be converted into a polymer
without compromising the excellent properties of the ionic
liquid, thus enabling an electrolyte having an excellent
safety and electrical conductivity and also a broad potential
10 window to be obtained.



In formula (1), R^1 to R^3 are each independently an alkyl
group of 1 to 5 carbons or a substituent having a reactive
unsaturated bond and any two from among R^1 to R^3 may together
15 form a ring, and R^4 is methyl, ethyl or a substituent having
a reactive unsaturated bond, with the proviso that at least
one of R^1 to R^4 is a substituent having a reactive
unsaturated bond. X is a monovalent anion, the letter m is
an integer from 1 to 8, and the letter n is an integer from 1
20 to 4.